

(FILE 'HOME' ENTERED AT 15:28:17 ON 24 JUN 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 15:28:25 ON 24 JUN 2003

SEA ANT2 AND ADENINE NUCLEOTIDE

35 FILE BIOSIS
3 FILE BIOTECHABS
3 FILE BIOTECHDS
30 FILE BIOTECHNO
5 FILE CABA
9 FILE CANCERLIT
46 FILE CAPLUS
1 FILE DDFU
53 FILE DGENE
1 FILE DRUGU
31 FILE EMBASE
25 FILE ESBIODBASE
2 FILE FEDRIP
74 FILE GENBANK
4 FILE IFIPAT
13 FILE LIFESCI
32 FILE MEDLINE
6 FILE PASCAL
34 FILE SCISEARCH
2 FILE TOXCENTER
9 FILE USPATFULL
1 FILE USPAT2
4 FILE WPIDS
4 FILE WPINDEX

L1 QUE ANT2 AND ADENINE NUCLEOTIDE

FILE 'CAPLUS, BIOSIS, SCISEARCH, MEDLINE, EMBASE, BIOTECHNO, ESBIODBASE, LIFESCI, CANCERLIT, USPATFULL, PASCAL, CABA, IFIPAT, WPIDS, BIOTECHDS, FEDRIP, TOXCENTER, DRUGU, USPAT2' ENTERED AT 15:30:14 ON 24 JUN 2003

L2 0 S PURIFIED ANT1 AND ADENINE NUCLEOTIDE
L3 9 S PURIFIED ANT1
L4 1 DUP REM L3 (8 DUPLICATES REMOVED)
L5 0 S L4 AND (MITOCHONDRIA OR MITOCHONDRIAL)
L6 0 S RECONSTITUTED (5A) ANT1
L7 0 S PURIFIED ANC1 AND (TRANSLOCATOR OR TRANSLOCASE)
L8 0 S (RECONSTITUTED (5A) ANC1) AND (TRANSLOCATOR OR TRANSLOCASE)
L9 0 S PURIFIED T1 AND (TRANSLOCATOR OR CARRIER)
L10 1705 S RECONSTITUTED (5A) (TRANSLOCATOR OR CARRIER)
L11 22 S L10 AND (ANT1 OR T1 OR ANC1)
L12 21 DUP REM L11 (1 DUPLICATE REMOVED)
L13 0 S L12 AND (MITOCHONDRIA OR MITOCHONDRIAL)
L14 3 S L12 AND MEMBRANE

L19 ANSWER 3 OF 3 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 2
AN 93:700128 SCISEARCH
GA The Genuine Article (R) Number: MG819
TI THE ANTIREPRESSOR OF PHAGE-P1 ISOLATION AND INTERACTION WITH THE C1
REPRESSOR OF P1 AND P7
AU RIEDEL H D; HEINRICH J; HEISIG A; CHOLI T; SCHUSTER H (Reprint)
CS MAX PLANCK INST MOLEC GENET, IHNESTR 73, D-14195 BERLIN, GERMANY
CYA GERMANY
SO FEBS LETTERS, (15 NOV 1993) Vol. 334, No. 2, pp. 165-169.
ISSN: 0014-5793.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 23
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS
AB Two antirepressor proteins, Ant1 and Ant2, of molecular weight 42 and 32 kDa, respectively, are encoded by P1 as a single open reading frame, with the smaller protein initiating at an in-frame start codon. Another open reading frame, *icd*, 5' upstream of and overlapping *ant1* is required for *ant1* expression. Using appropriate ant gene-carrying plasmids we have overproduced and purified Ant1/2 in the form of a protein complex and Ant2 as a single protein. Sequence analysis confirmed the N-terminal amino acids predicted from the DNA sequence of *ant1/ant2*, except that the N-terminal methionine is missing in the Ant2 protein. Under appropriate conditions the C1 repressors of phages P1 and P7 specifically co-precipitate with the Ant1/2 complex but not with Ant2 protein alone. The results suggest that the antirepressor may exert its C1-inactivating function by a direct protein-protein interaction.

PLA FOR
ANT 1 OR
ANT 2